



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

DSK081

Job Sheet 191186



Part No: DSK081

Job Qty: 6 pcs

Part Name: D2940-1 Turning Detail



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/22/19

Job Tracking No:

Due Date: 3/22/19

Created By: Jesse White

Type: Stock

Description:

Note: DWG REV B IPP rev A. 08.03.13 new issue EC

Ship Via:

## Bill of Materials

## Job Routing

| Op No | Operation  | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off                |
|-------|------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------------------|
|       |            |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                         |
| 100   | Doosan - 1 | 6 pcs | 3/22/19    | 3/22/19  | 0.20      | 6.82    | Doosan - 1            |           | <i>mf/ul</i>            |
| 110   | QC 2       | 6 pcs | 3/22/19    | 3/22/19  | 0.00      | 0.00    | QC 2 - 1              |           | <i>mf/ul - 19/04/04</i> |
|       |            |       |            |          |           |         | QC 2 - 12             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 14             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 17             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 19             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 2              |           |                         |
|       |            |       |            |          |           |         | QC 2 - 20             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 22             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 23             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 25             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 32             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 33             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 35             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 39             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 4              |           |                         |
|       |            |       |            |          |           |         | QC 2 - 40             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 44             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 45             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 48             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 49             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 50             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 51             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 52             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 54             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 56             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 57             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 62             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 63             |           |                         |
|       |            |       |            |          |           |         | QC 2 - 8              |           |                         |
|       |            |       |            |          |           |         | QC 2 - 66             |           |                         |

Dart Aerospace Ltd.  
1270 Aberdeen Street  
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CANADA  
TEL: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com



Container No: S169849



Part: DSK081

Job No: 191186

Serial No/Batch: S169849

Inspector:

Exp Date:

Instructions:

Date: 04/04/19

Plex 2/22/19 1:05 PM dart.white.jesse

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|
| <b>Job:</b> _____<br><b>Part No.</b> _____                                                                                                                                                                                                                                                                                                                                          |  | <b>DISPOSITION</b><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/><br>Machining <input type="checkbox"/><br>Large Fab <input type="checkbox"/><br>Cross tube <input type="checkbox"/><br>Small Fab <input type="checkbox"/><br>Finishing <input type="checkbox"/><br>Eng. (Non-AW) <input type="checkbox"/><br>Prod. Eng. Coord. <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/><br>Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |  |              |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                              |  | Sequence #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | MRB (QSI042) |  |
| <b>Description Work Order Deviation</b>                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Disposition</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Completed By</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Lead hand / Supervisor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>QC / QA Coordinator</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |              |  |
| <b>Root Cause</b><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |  | <b>FAULT CATEGORY</b><br><input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Bending<br><input type="checkbox"/> Crushing<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br><input type="checkbox"/> Marks/Chatter<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Misaligned/off center<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damage/Defect<br><input type="checkbox"/> Incomplete/Unclear Instructions<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Fit/Function<br><input type="checkbox"/> Power Loss/Surge<br><input type="checkbox"/> Folio/Program<br><input type="checkbox"/> Grain Direction<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Off-set/Set-up<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Outside Tolerance<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Misread |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |  | Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |              |  |



|                                 |       |         |           |                        |                       |
|---------------------------------|-------|---------|-----------|------------------------|-----------------------|
| 120 QC 8                        | 6 pcs | 3/22/19 | 0.00 0.00 | QC 2 - 64              |                       |
|                                 |       |         |           | QC 8 - 12              |                       |
|                                 |       |         |           | QC 8 - 14              |                       |
|                                 |       |         |           | QC 8 - 17              |                       |
|                                 |       |         |           | QC 8 - 20              |                       |
|                                 |       |         |           | QC 8 - 25              |                       |
|                                 |       |         |           | QC 8 - 3               |                       |
|                                 |       |         |           | QC 8 - 32              |                       |
|                                 |       |         |           | QC 8 - 33              |                       |
|                                 |       |         |           | QC 8 - 35              |                       |
|                                 |       |         |           | QC 8 - 39              |                       |
|                                 |       |         |           | QC 8 - 4               |                       |
|                                 |       |         |           | QC 8 - 44              |                       |
|                                 |       |         |           | QC 8 - 45              |                       |
|                                 |       |         |           | QC 8 - 49              | mmml 19/01/18         |
|                                 |       |         |           | QC 8 - 58              |                       |
|                                 |       |         |           | QC 8 - 8               |                       |
|                                 |       |         |           | QC 8 - 9               |                       |
|                                 |       |         |           | QC 8 - 68              |                       |
|                                 |       |         |           | QC 8 - 67              |                       |
|                                 |       |         |           | QC 8 - 1 (A)           |                       |
|                                 |       |         |           | QC 8 - 47              |                       |
| 130 Packaging 3-1 - Stock - B4B | 6 pcs | 3/22/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  | mmml 19/01/18         |
|                                 |       |         |           | Packaging 3 - 2 - B4B  |                       |
|                                 |       |         |           | Packaging 3 - 3 - B4B  |                       |
|                                 |       |         |           | Packaging 3 - 4 - B4B  |                       |
|                                 |       |         |           | Packaging 3 - 5 - B4B  |                       |
|                                 |       |         |           | Packaging 3 - 6 - B4B  |                       |
|                                 |       |         |           | Packaging 3 - 7 - B4B  |                       |
|                                 |       |         |           | Packaging 3 - 8 - B4B  |                       |
|                                 |       |         |           | Packaging 3 - 9 - B4B  |                       |
|                                 |       |         |           | Packaging 3 - 10 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 11 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 12 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 13 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 14 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 15 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 16 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 17 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 18 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 19 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 20 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 21 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 22 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 23 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 24 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 25 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 26 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 27 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 28 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 29 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 30 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 31 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 32 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 33 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 34 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 35 - B4B |                       |
|                                 |       |         |           | Packaging 3 - 36 - B4B |                       |
| 140 QC 21 - SA                  | 6 pcs | 3/22/19 | 0.00 0.00 | QC 21 - SA - 21        | DAG<br>21 APR 08 2019 |

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Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|
| <b>Job:</b> _____<br><b>Part No.</b> _____                                                                                                                                                                                                                                                                                                                                          |  | <b>DISPOSITION</b><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/><br>Machining <input type="checkbox"/><br>Large Fab <input type="checkbox"/><br>Cross tube <input type="checkbox"/><br>Small Fab <input type="checkbox"/><br>Finishing <input type="checkbox"/><br>Eng. (Non-AW) <input type="checkbox"/><br>Prod. Eng. Coord. <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/><br>Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |  |              |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                              |  | Sequence #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | MRB (QSI042) |  |
| <b>Description Work Order Deviation</b>                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Disposition</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Completed By</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Lead hand / Supervisor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>QC / QA Coordinator</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |              |  |
| <b>Root Cause</b><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |  | <b>FAULT CATEGORY</b><br><input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Bending<br><input type="checkbox"/> Crushing<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br><input type="checkbox"/> Marks/Chatter<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Misaligned/off center<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damage/Defect<br><input type="checkbox"/> Incomplete/Unclear Instructions<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Fit/Function<br><input type="checkbox"/> Power Loss/Surge<br><input type="checkbox"/> Folio/Program<br><input type="checkbox"/> Grain Direction<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Off-set/Set-up<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Outside Tolerance<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Misread |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |  | Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |              |  |



QC 21 - SA - 70

QC 21 - SA - 53

Part Op **100** - (Doosan Lathe) Turn blank as per Folio FA079  
Descriptions: **110** - (QC2- Inspect parts off machine FAI/FAIB)  
**120** - (QC8- Inspect parts - second check)  
**130** - (Identify as per dwg & Stock Location: \_\_\_\_\_) LOCATION: MAT060  
**140** - (QC21- Final Inspection - Work Order Release)

**Job BOM**

| Part / Item | Component Name     | Quantity     | Operation      | Container |
|-------------|--------------------|--------------|----------------|-----------|
| D6104-007   | Round Billet, 17-4 | 6 pcs (1 ea) | 100-Doosan - 1 | S159560   |

**Job Allocations**

| Operation      | Component Part | Required | Inventory | Allocated |
|----------------|----------------|----------|-----------|-----------|
| 100-Doosan - 1 | D6104-007      | 6        | 0         | 0         |

**Part Specifications**

Specifications could not be found.

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Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Preservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |



|                                                |               |                            |
|------------------------------------------------|---------------|----------------------------|
| <b>DART AEROSPACE LTD</b>                      |               | <b>Work Order:</b> 191186  |
| <b>Description:</b> Turning Detail for D2940-1 |               | <b>Part Number:</b> DSK081 |
| <b>Inspection Dwg:</b> DSK081                  | <b>Rev:</b> B | <b>Page 1 of 1</b>         |

### FIRST ARTICLE INSPECTION DIMENSION SHEET

☒ First Article ☐ Prototype

|               |       |       |                | Record Actual Dimensions |       |        |       |        |
|---------------|-------|-------|----------------|--------------------------|-------|--------|-------|--------|
| Dim           | Min   | Max   | Go/No Go Gauge | 1                        | 2     | 3      | 4     | 5      |
| Lathe Section |       |       |                |                          |       |        |       |        |
| A             | 3.211 | 3.216 |                | 3.2125                   | 3.216 | 3.2115 | 3.215 | 3.2155 |
| B             | 4.946 | 4.966 |                | 4.9575                   | 4.958 | 4.957  | 4.957 | 4.958  |
| C             | 0.718 | 0.738 |                | 0.725                    | 0.726 | 0.7265 | 0.726 | 0.726  |
| D             | 0.090 | 0.110 |                | 0.100                    | 0.099 | 0.100  | 0.100 | 0.098  |
| E             | 3.564 | 3.584 |                | 3.576                    | 3.573 | 3.580  | 3.573 | 3.573  |
| F             | 0.022 | 0.042 |                | 0.032                    | 0.032 | 0.032  | 0.032 | 0.032  |
| G             | 3.444 | 3.464 |                | 3.456                    | 3.453 | 3.457  | 3.454 | 3.453  |
| H             | 0.112 | 0.132 |                | 0.116                    | 0.117 | 0.120  | 0.119 | 0.118  |
| I             | 2.170 | 2.190 |                | 2.178                    | 2.179 | 2.179  | 2.177 | 2.181  |
| J             | 4.451 | 4.471 |                | 4.460                    | 4.460 | 4.461  | 4.456 | 4.466  |
| K             | 0.413 | 0.433 |                | 0.423                    | 0.423 | 0.420  | 0.428 | 0.420  |
| L             | 0.913 | 0.933 |                | 0.922                    | 0.921 | 0.923  | 0.920 | 0.923  |
| M             |       |       |                |                          |       |        |       |        |
| N             |       |       |                |                          |       |        |       |        |
| O             |       |       |                |                          |       |        |       |        |
| P             |       |       |                |                          |       |        |       |        |

**Measured by:** Miguel Savel **Date:** 19/4/07

**Audited by:** mm **Date:** 19/04/08

**Prototype Approval:** **Date:**

| Rev | Date     | Change    | Revised by | Approved |
|-----|----------|-----------|------------|----------|
| A   | 08.04.22 | New Issue | KJ/JLM     |          |

|                                                |               |                            |
|------------------------------------------------|---------------|----------------------------|
| <b>DART AEROSPACE LTD</b>                      |               | <b>Work Order:</b> 19/186  |
| <b>Description:</b> Turning Detail for D2940-1 |               | <b>Part Number:</b> DSK081 |
| <b>Inspection Dwg:</b> DSK081                  | <b>Rev:</b> B | <b>Page 1 of 1</b>         |

### FIRST ARTICLE INSPECTION DIMENSION SHEET

☒ First Article ☐ Prototype

|               |       |       |                | Record Actual Dimensions |   |   |   |   |
|---------------|-------|-------|----------------|--------------------------|---|---|---|---|
| Dim           | Min   | Max   | Go/No Go Gauge | 6                        | 2 | 3 | 4 | 5 |
| Lathe Section |       |       |                |                          |   |   |   |   |
| A             | 3.211 | 3.216 |                | 3.215                    |   |   |   |   |
| B             | 4.946 | 4.966 |                | 4.959                    |   |   |   |   |
| C             | 0.718 | 0.738 |                | 0.727                    |   |   |   |   |
| D             | 0.090 | 0.110 |                | 0.101                    |   |   |   |   |
| E             | 3.564 | 3.584 |                | 3.574                    |   |   |   |   |
| F             | 0.022 | 0.042 |                | 0.032                    |   |   |   |   |
| G             | 3.444 | 3.464 |                | 3.454                    |   |   |   |   |
| H             | 0.112 | 0.132 |                | 0.118                    |   |   |   |   |
| I             | 2.170 | 2.190 |                | 2.180                    |   |   |   |   |
| J             | 4.451 | 4.471 |                | 4.460                    |   |   |   |   |
| K             | 0.413 | 0.433 |                | 0.422                    |   |   |   |   |
| L             | 0.913 | 0.933 |                | 0.922                    |   |   |   |   |
| M             |       |       |                |                          |   |   |   |   |
| N             |       |       |                |                          |   |   |   |   |
| O             |       |       |                |                          |   |   |   |   |
| P             |       |       |                |                          |   |   |   |   |

**Measured by:** Miguel Sanel **Date:** 19/4/07

**Audited by:** mmc **Date:** 19/04/08

**Prototype Approval:** **Date:**

| Rev | Date     | Change    | Revised by | Approved |
|-----|----------|-----------|------------|----------|
| A   | 08.04.22 | New Issue | KJ/JLM     |          |